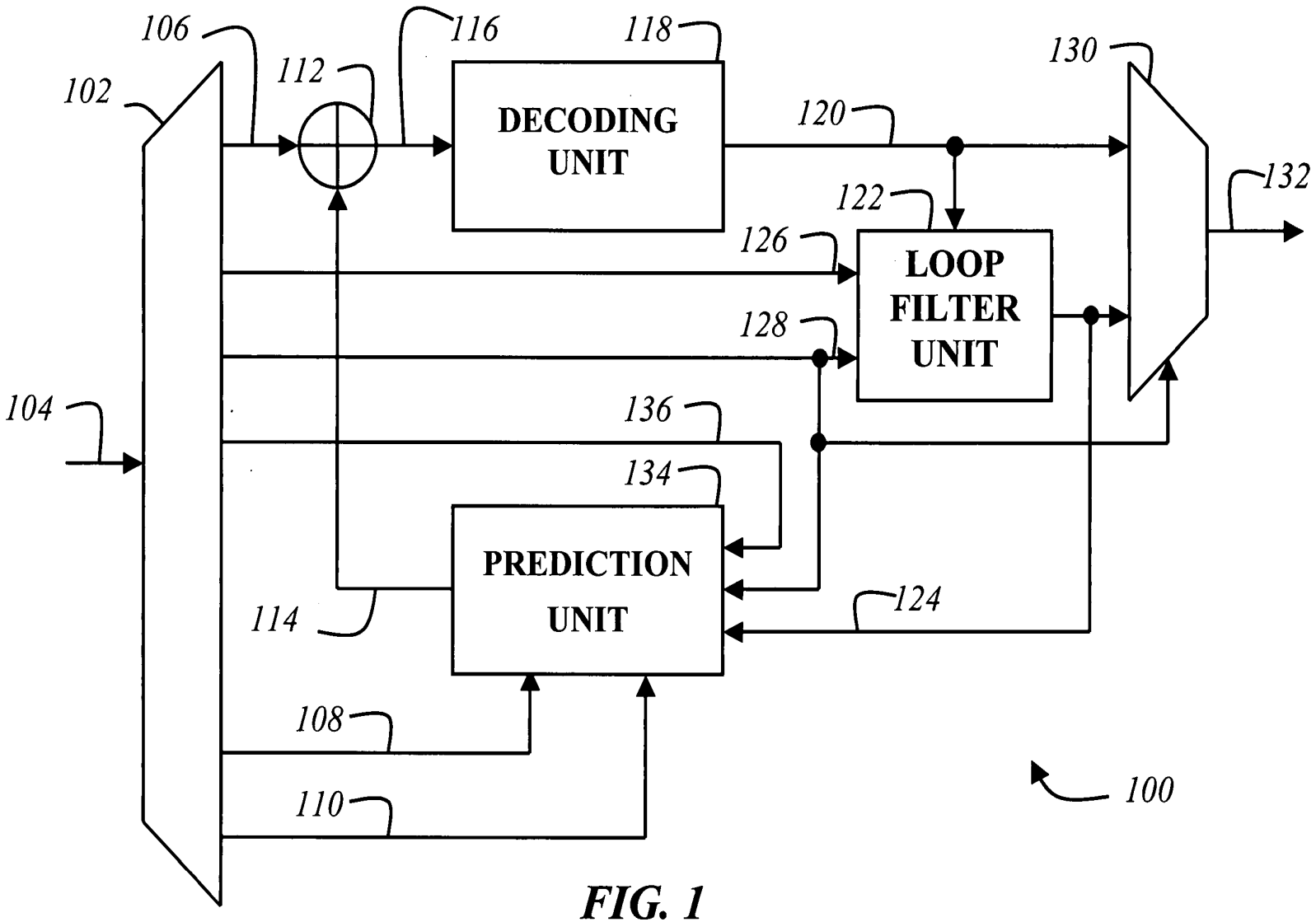
106
116
118
130
102
112
DECODING UNIT
120
132
122
126
LOOP FILTER UNIT
128
104
136
134
PREDICTION UNIT
114
124
108
110
100

FIG. 1

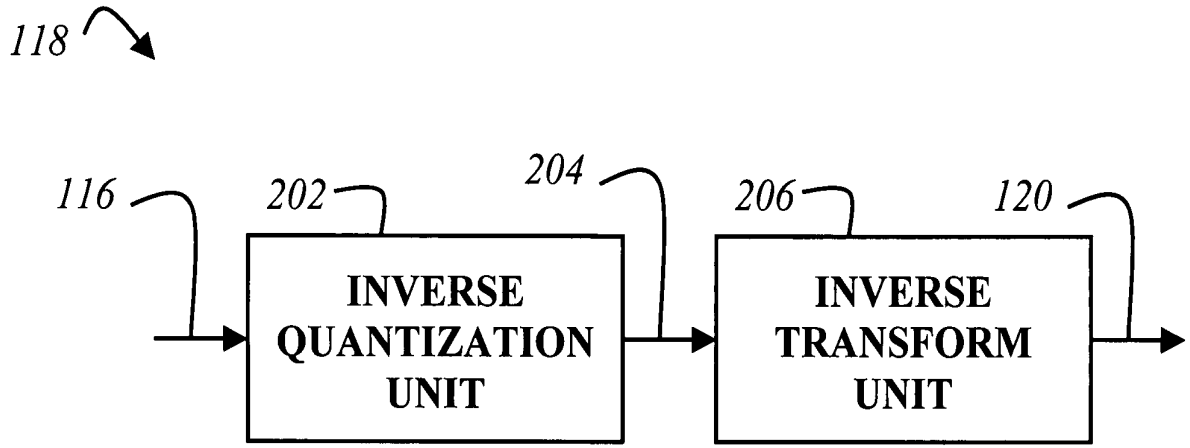
118
116
202
204
206
120
INVERSE QUANTIZATION UNIT
INVERSE TRANSFORM UNIT

FIG. 2

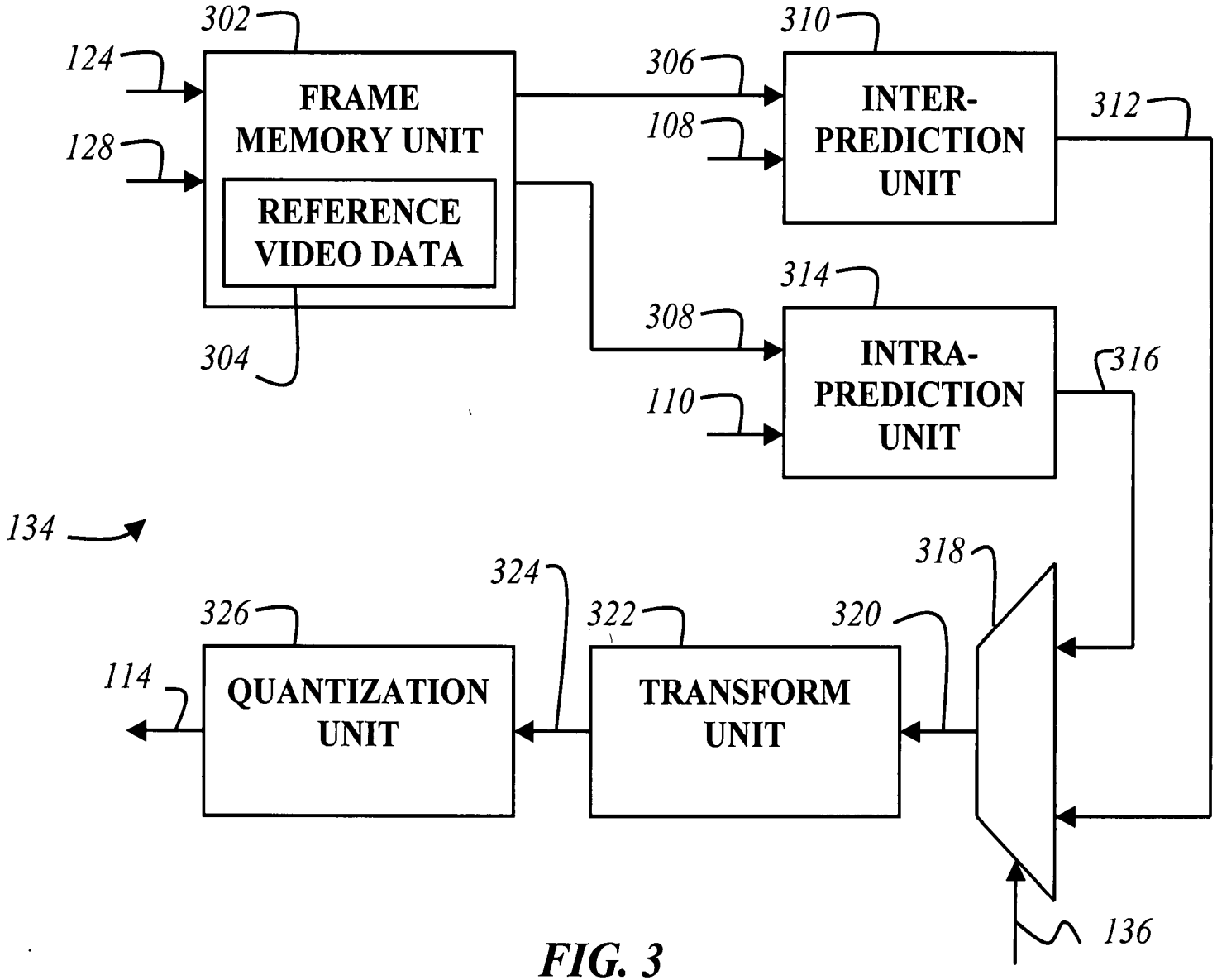
302
124
128
FRAME MEMORY UNIT
REFERENCE VIDEO DATA
304
310
306
108
INTER-PREDICTION UNIT
312
314
308
110
INTRA-PREDICTION UNIT
316
134
318
324
322
320
326
114
QUANTIZATION UNIT
TRANSFORM UNIT
136

FIG. 3

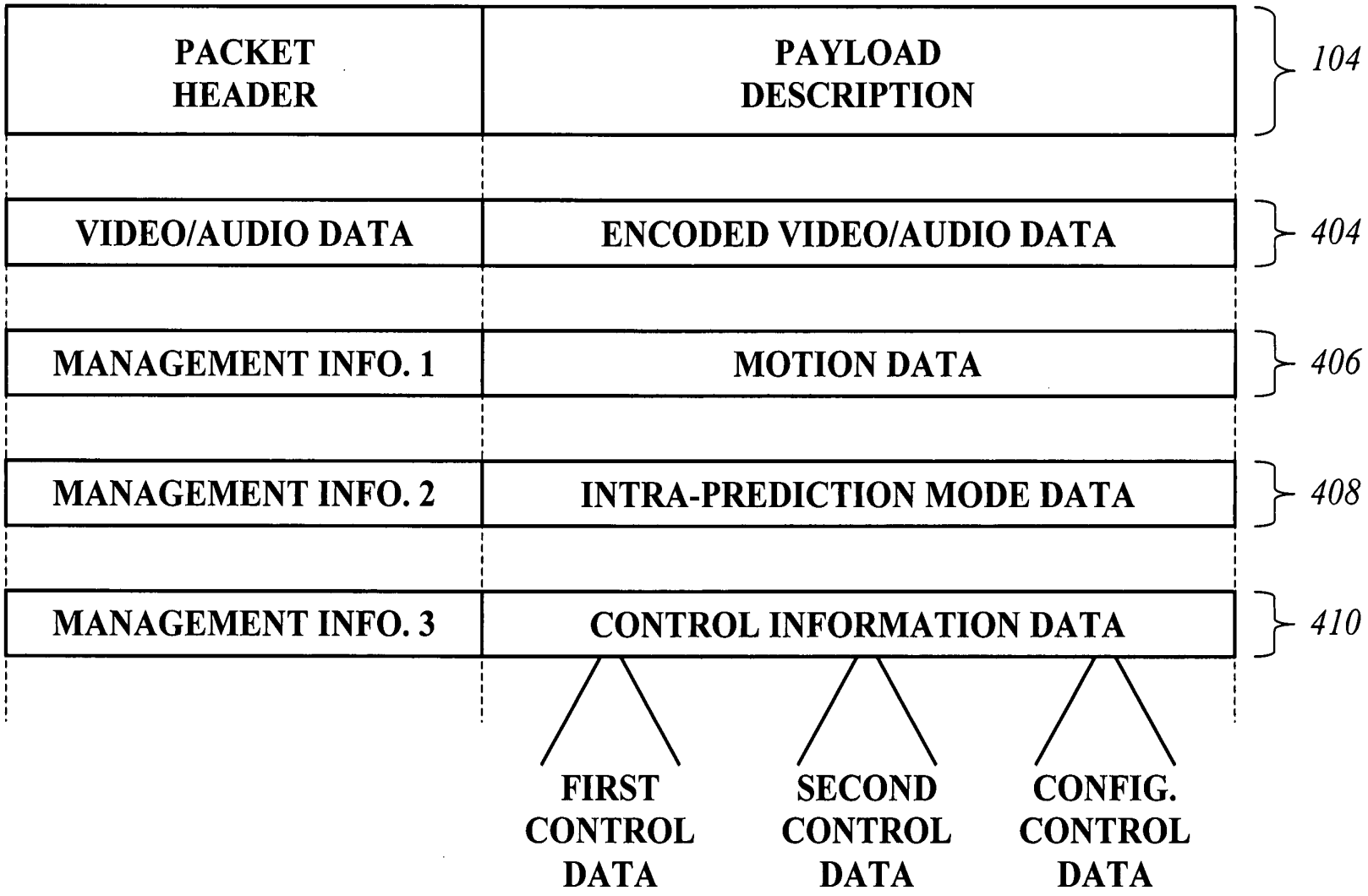
PACKET HEADER
PAYLOAD DESCRIPTION
104
VIDEO/AUDIO DATA
ENCODED VIDEO/AUDIO DATA
404
MANAGEMENT INFO. 1
MOTION DATA
406
MANAGEMENT INFO. 2
INTRA-PREDICTION MODE DATA
408
MANAGEMENT INFO. 3
CONTROL INFORMATION DATA
410
FIRST CONTROL DATA
SECOND CONTROL DATA
CONFIG. CONTROL DATA

FIG. 4

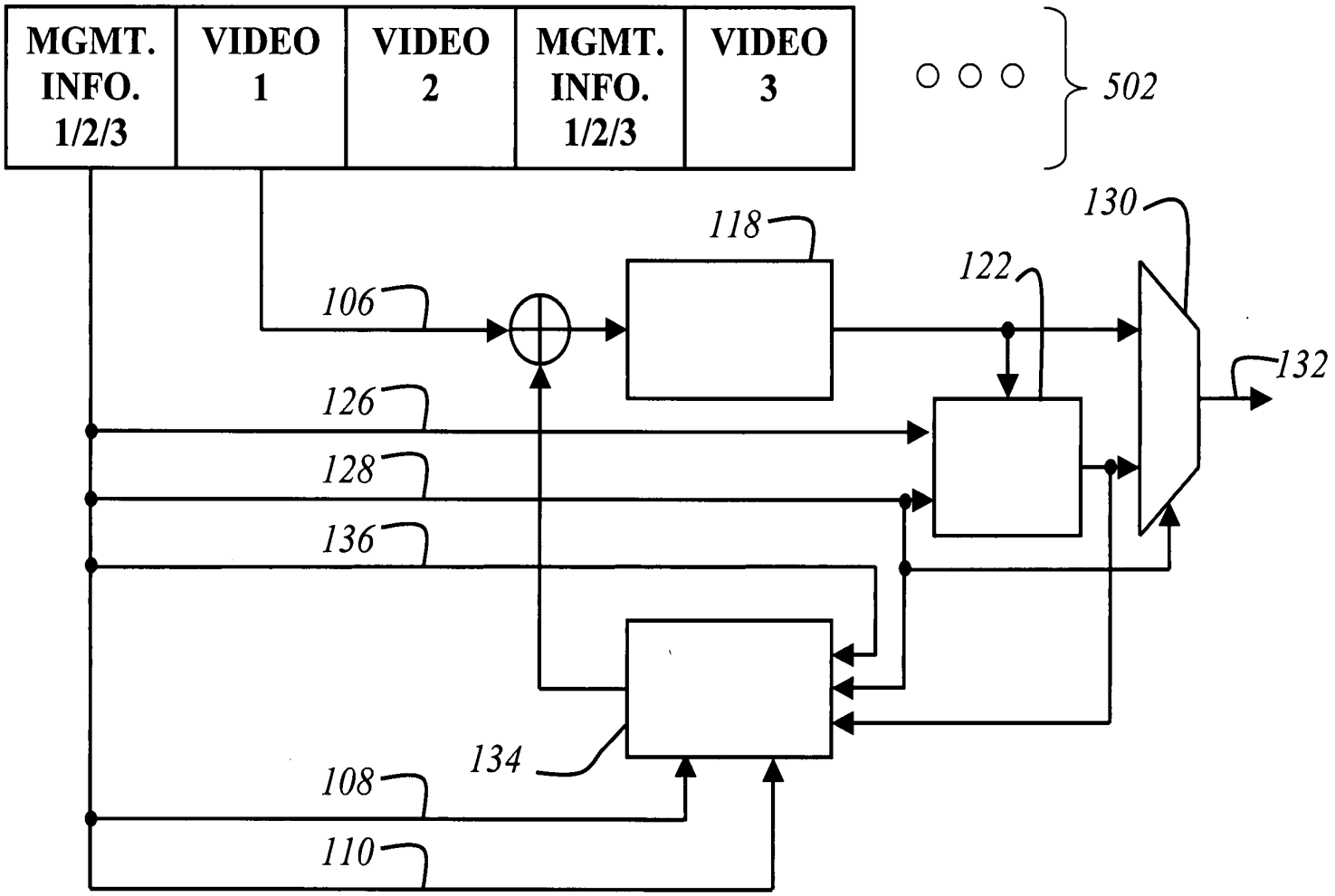
MGMT. INFO. 1/2/3
VIDEO 1
VIDEO 2
MGMT. INFO. 1/2/3
VIDEO 3
502
130
118
122
106
132
126
128
136
134
108
110

FIG. 5

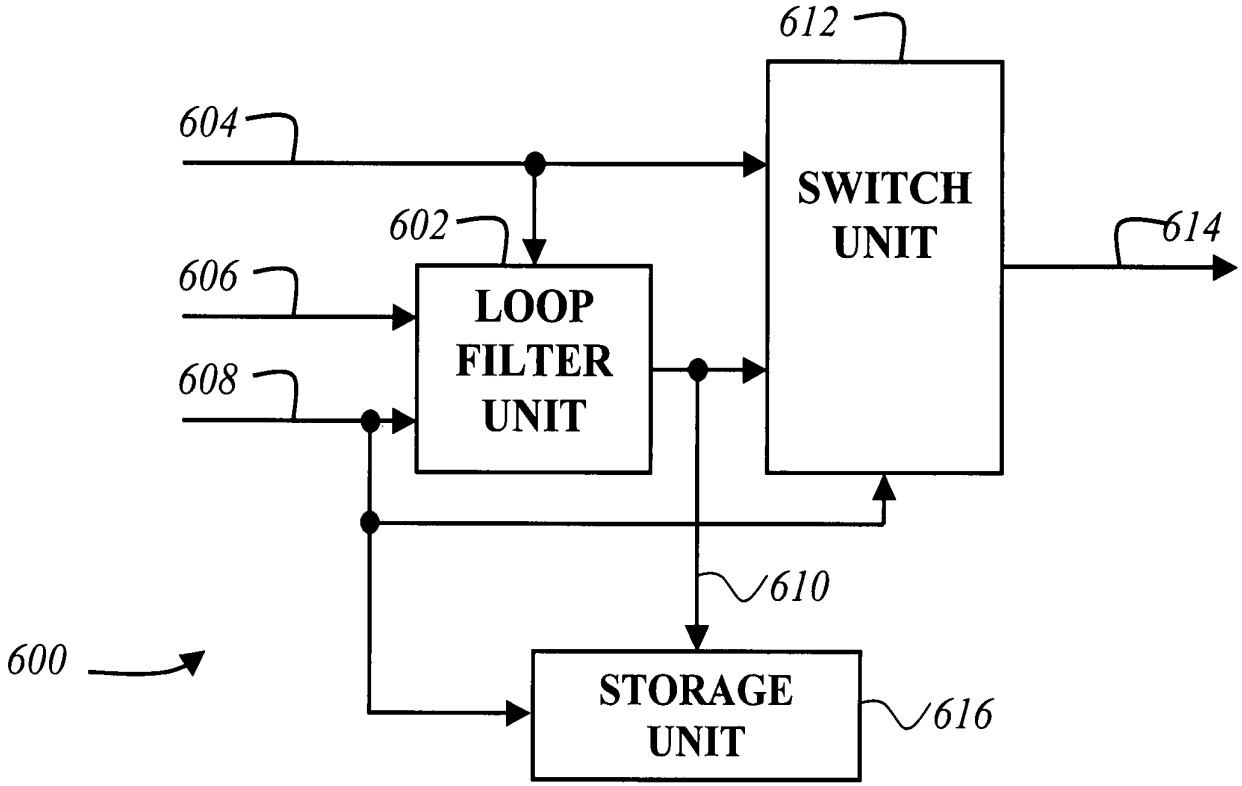
612
604
SWITCH UNIT
602
614
606
LOOP FILTER UNIT
608
610
600
STORAGE UNIT
616

FIG. 6

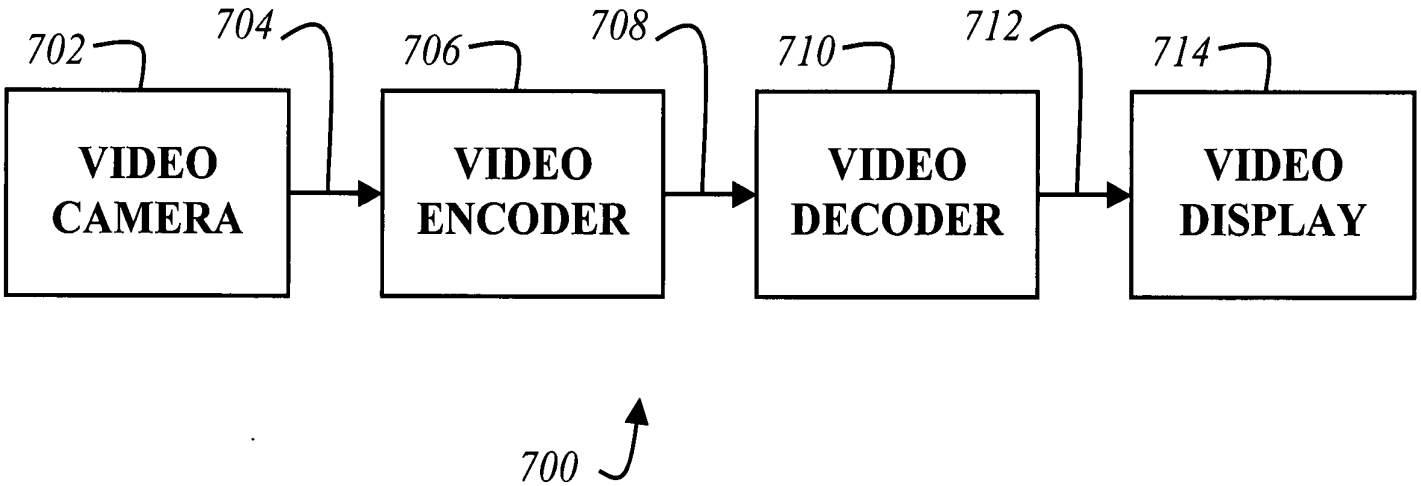
702
704
706
708
710
712
714
VIDEO CAMERA
VIDEO ENCODER
VIDEO DECODER
VIDEO DISPLAY
700

FIG. 7